

FORM PTO-1449
MODIFIED

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
200410

APPLICATION NO.
09/513,155



INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

APPLICANT
Bahl et al.

FILING DATE
February 25, 2000

GROUP
Not yet assigned 268?

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RP	BB	5,873,040	Feb. 16, 1999	Helen et al.			
KP	BC	5,732,354	March 24, 1998	Macdonald			
RP	BD	5,666,662	Sept. 9, 1997	Shibuya			
KI	BE	5,745,865	April 28, 1998	Sandeep et al.			
RP	BF	5,613,205	March 18, 1997	Dufour			

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Technology Center 2600

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO*
RP	BG	2,311,697	Oct. 1, 1997	United Kingdom				
RP	BH	98,15149	April 9, 1998	Europe				
KI	BI	0,698,976	Feb. 28, 1996	Europe				
KI	BJ	0,930,514	July 21, 1999	Europe				
KP	BK	197,10,040	Sept. 24, 1998	Germany			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER Raymond Peim DATE CONSIDERED 9/30/03

*A concise statement of relevance is being submitted in lieu of a translation. 37 CFR § 1.98(b).
1449FORM (Rev. 7/13/2000)

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PATENT AND TRADEMARK OFFICE

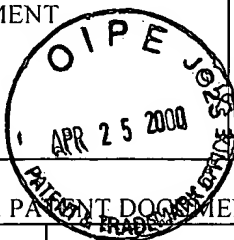
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09/513,135

Sheet 1 of 2

INFORMATION DISCLOSURE STATEMENT
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FILING DATE
February 25, 2000

GROUP
Unassigned 2682

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RP	AA	5,717,688	Feb. 10, 1998	Belanger et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	No*

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

KI	AB	R. Azuma, <i>Tracking Requirements for Augmented Reality</i> , Communications of the ACM, Vol. 36, No. 7, pp. 50-51, July 1993.
RP	AC	S. Berchtold et al., <i>The X-Tree: An Index Structure for High Dimensional Data</i> , Proceedings of the Twenty-second International Conference on Very Large Data Bases, September 3-6, 1996.
RP	AD	S.F. Fortune et al, <i>WISE Design of Indoor Wireless Systems</i> , IEEE Computational Science and Engineering, Vol. 2, No. 1, pp. 58-68, Spring 1995.
RI	AE	P. Enge et al., <i>Scanning the Issue/Technology: Special Issue on Global Positioning System</i> . Proceedings of the IEEE, Vol. 87, no. 1, pp. 3-15, January, 1999
RV	AF	A. Harter et al, <i>A Distributed Location System for the Active Office</i> , IEEE Network, Vol. 8, no. 1, January/February 1994
RA	AG	H. Hashemi, <i>The Indoor Radio Propagation Channel</i> , Proceedings of the IEEE, Vol. 81, No. 7, pages 943-968, July 1993.
RV	AH	T.D. Hodes et al., <i>Composable Ad Hoc Mobile Services for Universal Interaction</i> , MobiCom '97 Proceedings of the Third Annual ACM/IEEE International Conference on Mobile Computing and Networking, pp. 1-12, September 26 - 30, 1997
KI	AI	H. Maass, <i>Location-Aware Mobile Applications Based on Directory Services</i> , MobiCom '97 Proceedings of the Third Annual ACM/IEEE International Conference on Mobile Computing and Networking, pp. 23-33, September 26 - 30, 1997
RV	AJ	S.O. Rice, <i>Mathematical Analysis of Random Noise</i> , Bell Systems Technical Journal, Vol. 23, pp. 282-332, 1944.
KI	AK	S.O. Rice, <i>Mathematical Analysis of Random Noise</i> , Bell Systems Technical Journal, Vol. 24, pp. 46-156, 1945.
RP	AL	Digital Equipment Corporation, <i>Digital RoamAbout 915/2400 DS/PC Card and ISA Network Adapter: Installation and Configuration</i> , April 1996
KI	AM	T. Seidl et al., <i>Optimal Multi-Step k-Nearest Neighbor Search</i> , Proceedings of ACM SIGMOD International Conference on Management of Data, Vol. 27, Issue 2, June 1998
RP	AN	S.Y. Seidel, <i>914 MHz Path Loss Prediction Model for Indoor Wireless Communications in Multi-Floored Buildings</i> , IEEE Transactions on Antenna and Propagation, Vol. 40, no. 2, pp. 207-217, February 1992
RP	AO	S. Tekinay, <i>Wireless Geolocation Systems and Services</i> , IEEE Communications Magazine, p. 28, April 1998.
RP	AP	R. Want et al, <i>The Active Badge Location System</i> , ACM Transactions on Information Systems, Vol. 40, no. 1, pp. 91-102, January 1992

